

WOODEN FIRE RATED DOOR SPECIFICATION

Door Type	:	Wooden Fire Rated Door
Fire Rating	:	60mins 42mm Gust Room Door 120mins 50mm Fire Rated Door
Shutter Thickness	:	50mm
Criteria	:	Stability, Integrity & With Insulation
Testing Standards	:	IS 3614 2021
Frame Size	:	120 x 70mm

Construction Details

- * Wooden door Frame made out of Hardwood Mirandi Teak/ Teakwood / Ivory coast Teak as per requirement.
- * Door Shutter - Internal Frame made of Hardwood Teak with facing of 3 mm thick commercial ply or veneered ply on both face .
- * Shutter Insulation - Sandwich type Fire rated mineral wool treated with fire retardant sealant.
- * Calcium silicate board.
- * Vision Panel - 1hr/ 2hrs. Fire rated clear Glass (Optional) * Shutter Thickness - 50mm.
- * Intumescent fire/smoke seal 20 X 4mm or 10 X 4mm at all three sides of door frame and shutters excepts bottoms.

Recommended Hardware

1. SS Ball Bearing Hinges - SS 304 of Size 100mm x 75mm x 3mm
2. Door Closer- Fire rated
3. Tower / Flush Bolt

Optional Hardware

4. Mortise Dead Lock Set with Cylinder- complete with D Shape Pull handle for Push / Pull Operations
5. Mortise Sash Lock with Cylinder - Complete with Lever Handle for Push / Pull Operations
6. Fire Rated Panic Bar - Push Side Operation
Fire Rated External Panic Trim - Pull Side Operation